

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122222AL\
 Data File : FE039438.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2022 15:58
 Operator : YP\AJ
 Sample : PB149848BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149848BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2022
 Supervised By :Ankita Jodhani 12/23/2022

Integration File: autoint1.e
 Quant Time: Dec 22 17:46:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.934	6741403	45.174 ug/ml
Spiked Amount 50.000		Recovery =	90.35%
12) S 1-chlorooctadecane (S...	13.369	5365965	46.620 ug/ml
Spiked Amount 50.000		Recovery =	93.24%
Target Compounds			
1) T n-Nonane (C9)	3.332	4424103	34.227 ug/ml
2) T n-Decane (C10)	4.579	4702803	36.908 ug/ml
3) T A~Naphthalene (C11.7)	6.280	5388957	37.279 ug/ml
4) T n-Dodecane (C12)	6.740	5177016	39.877 ug/ml
5) T A~2-methylnaphthalene...	7.374	5546885	40.957 ug/ml
6) T n-Tetradecane (C14)	8.568	5842229	44.089 ug/ml
7) T n-Hexadecane (C16)	10.173	6506377	47.294 ug/ml
8) T n-Octadecane (C18)	11.616	6951350	49.631 ug/ml
10) T n-Eicosane (C20)	12.925	6866838	50.304 ug/ml
11) T n-Heneicosane (C21)	13.537	6832674	50.096 ug/mlm
13) T n-Docosane (C22)	14.123	6765516	50.013 ug/ml
14) T n-Tetracosane (C24)	15.222	4084040	30.423 ug/mlm
15) T n-Hexacosane (C26)	16.247	6430762	49.388 ug/ml
16) T n-Octacosane (C28)	17.195	6376139	49.542 ug/ml
17) T n-Tricontane (C30)	18.083	6089969	47.301 ug/mlm
18) T n-Dotriacontane (C32)	18.915	5991198	46.264 ug/ml
19) T n-Tetratriacontane (C34)	19.700	5665240	44.904 ug/ml
20) T n-Hexatriacontane (C36)	20.439	4635476	38.336 ug/ml
21) T n-Octatriacontane (C38)	21.175	3762031	30.462 ug/ml
22) T n-Tetracontane (C40)	22.086	3275911	26.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 9 Sample Multiplier: 1

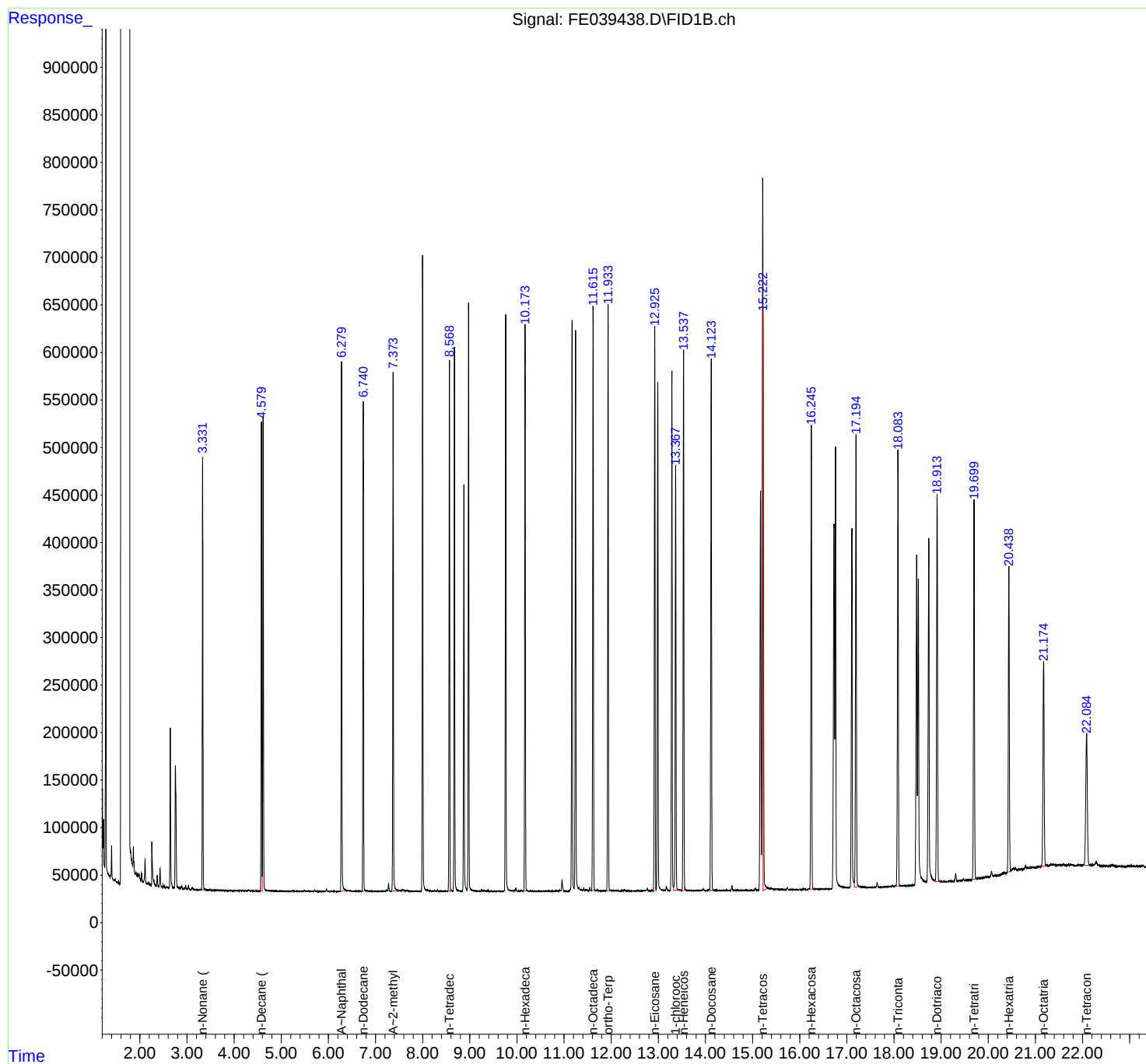
Instrument :
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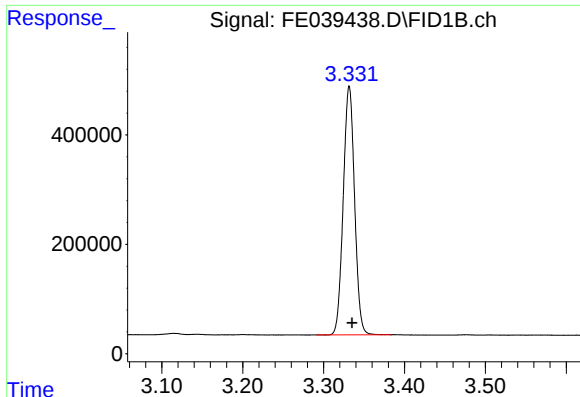
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#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 4424103
Conc: 34.23 ug/ml

Instrument :

FID_E

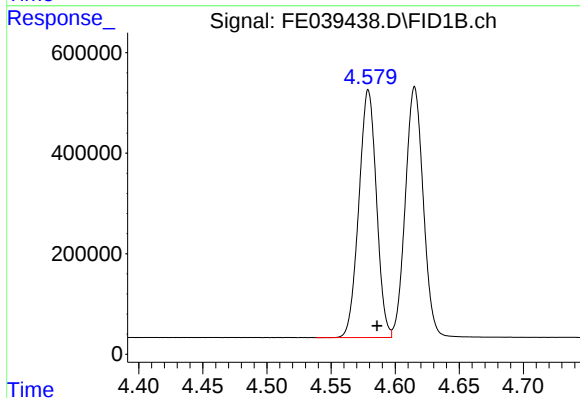
ClientSampleId :

PB149848BSD

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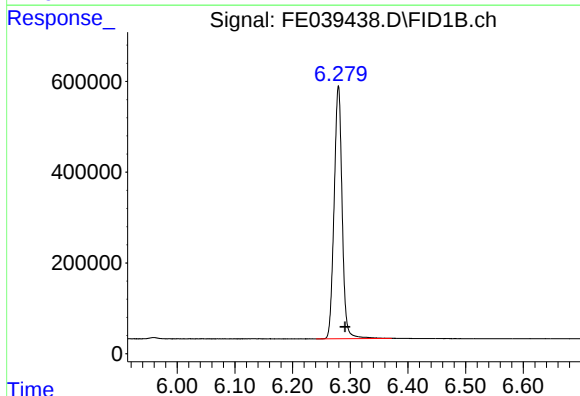
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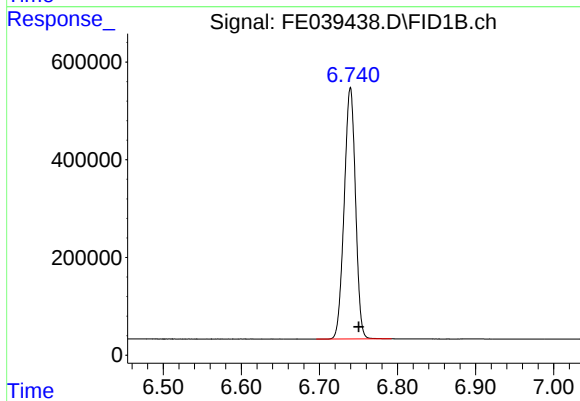
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 4702803
Conc: 36.91 ug/ml



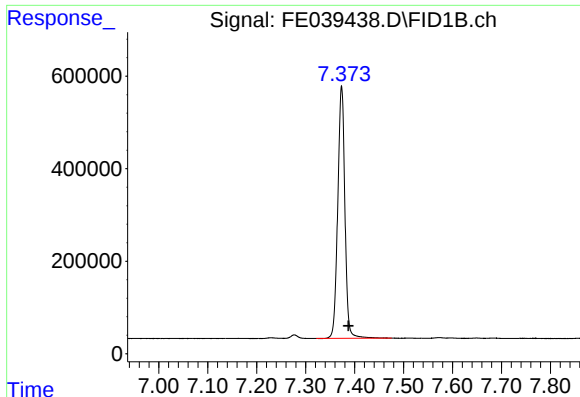
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 5388957
Conc: 37.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.011 min
Response: 5177016
Conc: 39.88 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 5546885
Conc: 40.96 ug/ml

Instrument :

FID_E

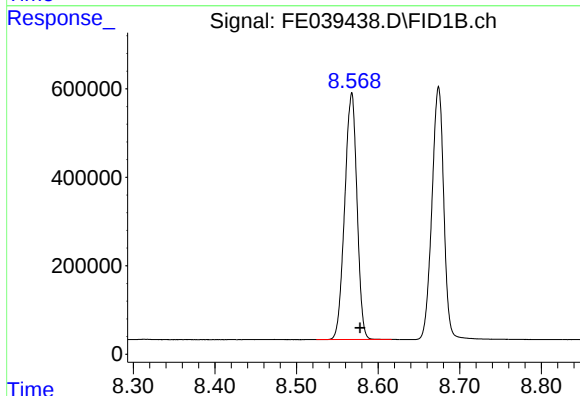
ClientSampleId :

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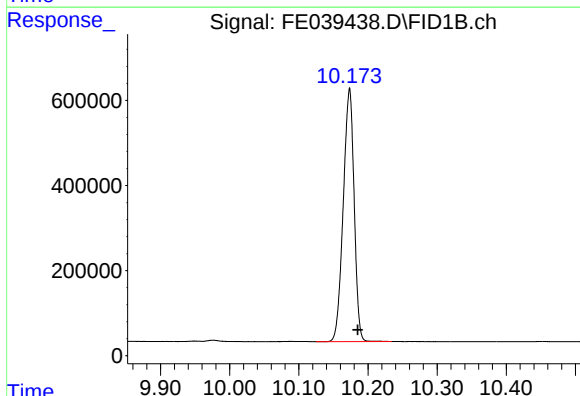
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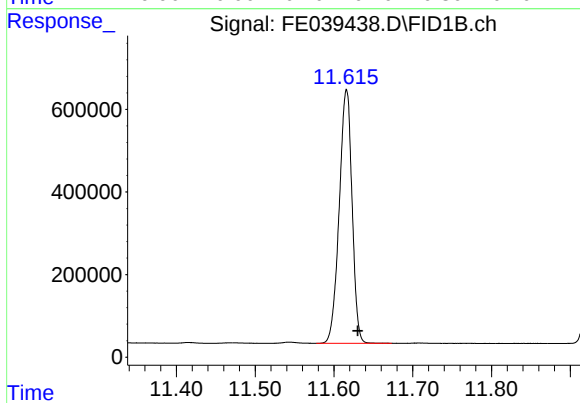
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.010 min
Response: 5842229
Conc: 44.09 ug/ml



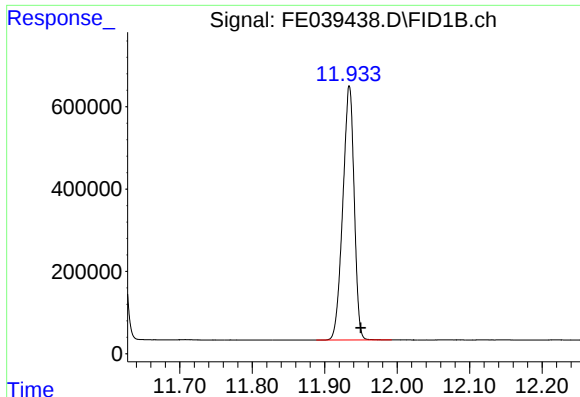
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 6506377
Conc: 47.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.014 min
Response: 6951350
Conc: 49.63 ug/ml



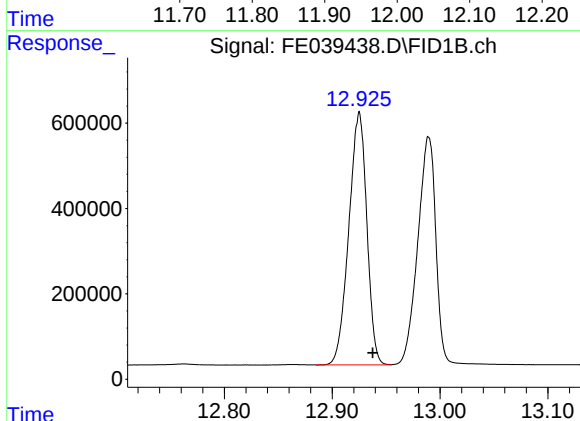
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.016 min
Response: 6741403
Conc: 45.17 ug/ml

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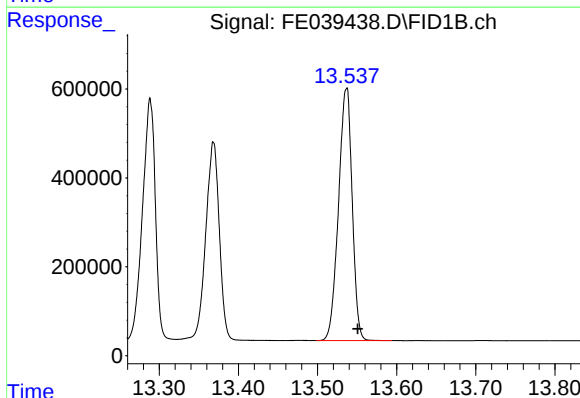
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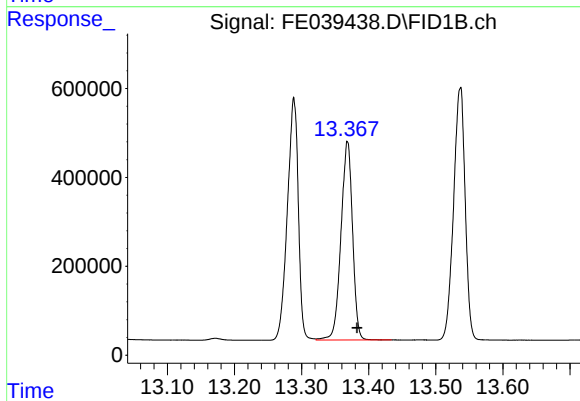
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.013 min
Response: 6866838
Conc: 50.30 ug/ml



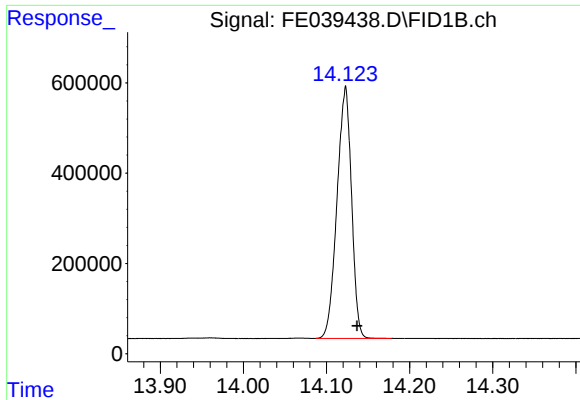
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.013 min
Response: 6832674
Conc: 50.10 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 5365965
Conc: 46.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.014 min
Response: 6765516
Conc: 50.01 ug/ml

Instrument :

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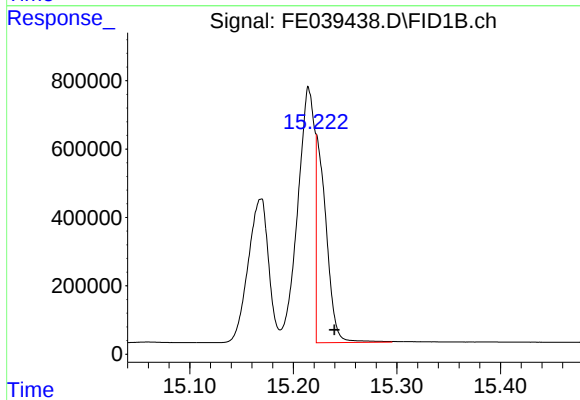
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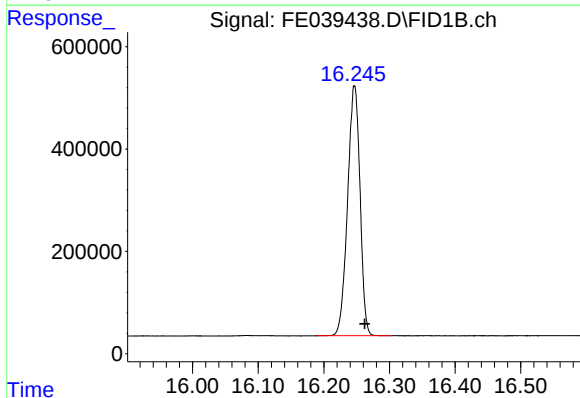
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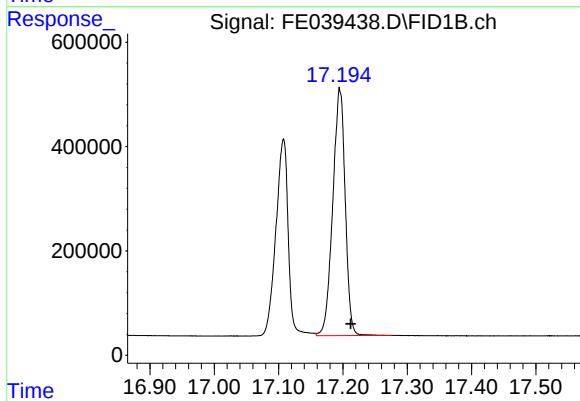
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.018 min
Response: 4084040
Conc: 30.42 ug/ml m



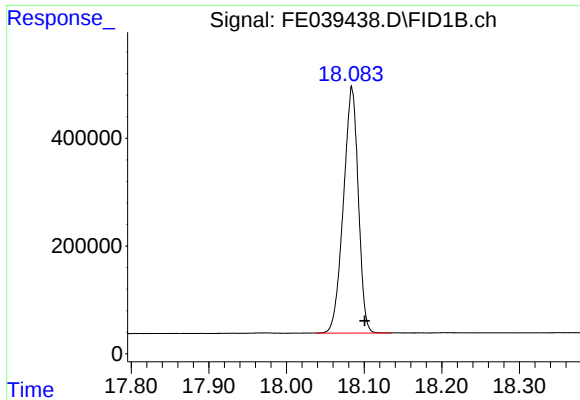
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.015 min
Response: 6430762
Conc: 49.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.017 min
Response: 6376139
Conc: 49.54 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.018 min
Response: 6089969
Conc: 47.30 ug/ml

Instrument :

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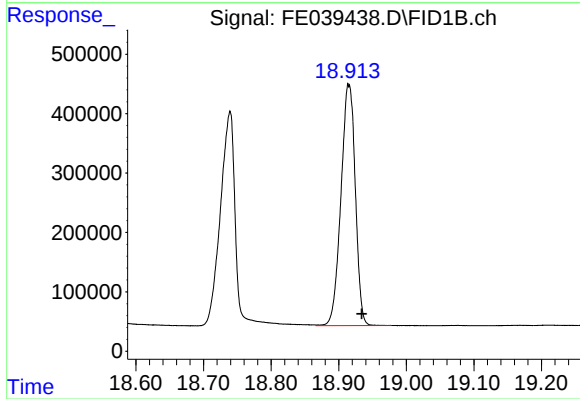
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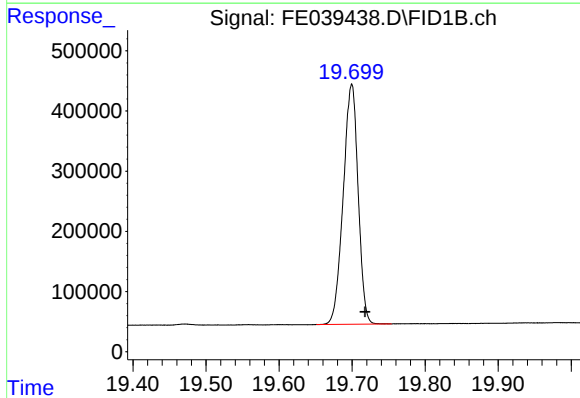
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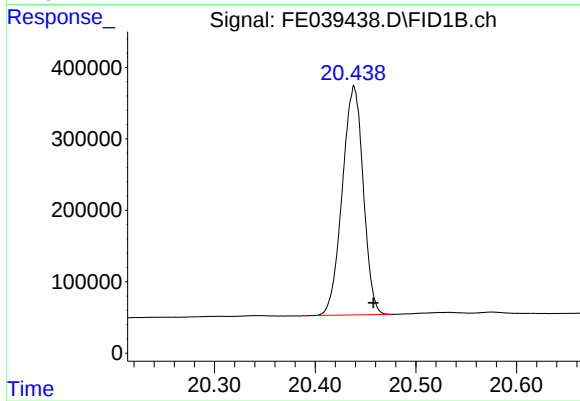
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.019 min
Response: 5991198
Conc: 46.26 ug/ml



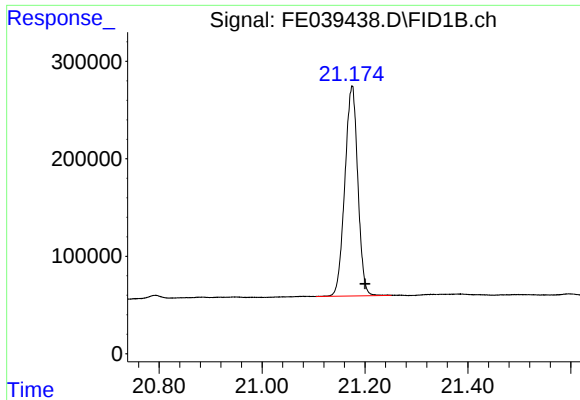
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.018 min
Response: 5665240
Conc: 44.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.019 min
Response: 4635476
Conc: 38.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.025 min
Response: 3762031
Conc: 30.46 ug/ml

Instrument :

FID_E

ClientSampleId :

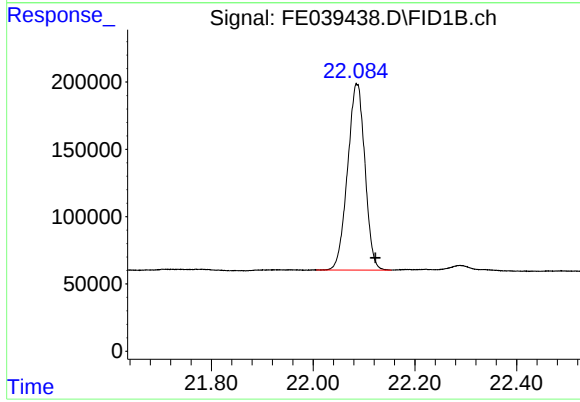
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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.037 min
Response: 3275911
Conc: 26.09 ug/ml